

DATA ITEM DESCRIPTION

Title: Safety Documentation

Number:

Approval date:

AMSC Number:

Limitation: N/A

DTIC Applicable: N/A

GIDEP Applicable: N/A

Office of Primary Responsibility: PSNS & IMF, Bangor Site, Code 830E

Applicable Forms: N/A

1 **Use/relationship.** Documents to be used by operators and by the safety office, who oversees the operators of the storage carousel.

2 Requirements:

2.1 Format. The documentation shall be presented in the contractor's format.

2.2 Content. The documentation shall demonstrate that each module meets all OSHA requirements (in accordance with CFR Title 29, Chapter XVII, Part 1910 and installed in accordance with NEC/NFPA requirements). An OSHA compliance report shall be provided and include:

- * List of all tests performed and by whom witnessed.
- * List of data used for evaluation.
- * Tabulation of all discrepancies related to specification performance requirements.
- * Description of limitations revealed by data utilized.
- * Actions taken to mitigate each discrepancy and limitation.
- * Recommendations for subsequent actions.
- * Summary conclusions.
- * Manufacturer Certification that equipment has been manufactured and installed in compliance with OSHA CFR 1910.399 (per definition of "acceptable").

Each module contains no PCB (a "no PCB" label plate shall be provided), and simple procedures on how to ensure the storage carousel is electrically secured with energy controls prior to a maintenance staff member working on the storage carousel. Safety Data Sheets and proper labeling shall be provided on all hazardous materials.

2.3 Media requirement. The manual(s) shall be "hard" copies, and shall be clearly legible and on 8-1/2 x 11 inch plain bond paper.

3 End of TBD

DATA ITEM DESCRIPTION

Title: Commercial Off-The-Shelf (COTS) Manuals

Number:

Approval date:

AMSC Number:

Limitation: N/A

DTIC Applicable: N/A

GIDEP Applicable: N/A

Office of Primary Responsibility: PSNS & IMF, Bangor Site, Code 830E

Applicable Forms: N/A

1 **Use/relationship.** Commercial Off-the-Shelf (COTS) operations and maintenance manuals shall be used by operators of the storage carousel.

2 Requirements:

2.1 Format. The COTS manual shall be presented in the contractor's format.

2.2 Content. The COTS manual shall contain all the mechanical and electrical schematics showing discrete components/block diagrams/wiring diagrams with inputs and outputs identified/system electrical interface documents and drawings for the specific model of all machine equipment/drives/controls supplied. The information contained in the manual(s) shall reflect the unit and its components in the "as built" configuration. The information contained in the manual(s) shall be adequate to permit trouble shooting and repair of the equipment by journeymen level personnel. The information contained in the manual(s) shall be in the English language. The information contained in the manual(s) shall be in imperial units of measure. If a Programmable Logic Controller (PLC) is used, documentation for the PLC shall be provided and include media and instructions for restoring/replacing the stored program in the event of battery backup failure. One (1) CD backup copy of the PLC automatic program shall be included. Appropriate software shall be provided in CD/DVD format to allow Government maintenance personnel to address, maintain, and adjust the PLC as needed for investigation of equipment malfunction.

2.3 Media requirement. The manual(s) shall be "hard" copies, and shall be clearly legible and on 8-1/2 x 11 inch plain bond paper. Each manual shall be bound in its own durable three ring binder(s). A cover shall be provided, that identifies the type of manual, the manufacturer and its designation as for the storage carousel.

3 End of TBD

DATA ITEM DESCRIPTION

Title: NRTL Certification

Number:

Approval date:

AMSC Number:

Limitation: N/A

DTIC Applicable: N/A

GIDEP Applicable: N/A

Office of Primary Responsibility: PSNS & IMF, Bangor Site, Code 830E

Applicable Forms: N/A

1 **Use/relationship.** NRTL Certification shall be used by safety office who oversees the operators of the maintenance staff of the storage carousel.

2 Requirements:

2.1 Format. The NRTL Certification shall be presented in the contractor's format, with an OSHA approved NRTL certification sticker.

2.2 Content. The equipment and its component parts shall be in compliance with applicable CFR 29, Part 1910 Regulation and Standards. By definition, any equipment will be deemed acceptable and approved by PSNS&IMF if it meets specific OSHA conditions outlined in OSHA Part 1910; Subparts "O" and "S". Specifically, equipment will be "Accepted" by PSNS&IMF if it has been inspected and found by a Nationally Recognized Testing Laboratory (NRTL) to conform to specified plans or procedures of applicable codes.

2.3 Media requirement. The NRTL Certification shall be a "hard" copy, and shall be clearly legible and on 8-1/2 x 11 inch plain bond paper. An approved NRTL sticker shall be mounted on the exterior of the storage carousel.

3 End of TBD